

Technical proposal for JX-HPF1-3M200M-50NF High Pass Filter

- ◆ High Performance
- ◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
V1.0	2022/01/27	Vivian	Created	/

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1. Mechanical layout

Table 1 Mechanical specifications

Dimension	L x W x H: 100mm x 100mm x 30mm
Connectors	N-F
Finish	Conductive oxidation
Notes	Material shall be RoHS 6/6

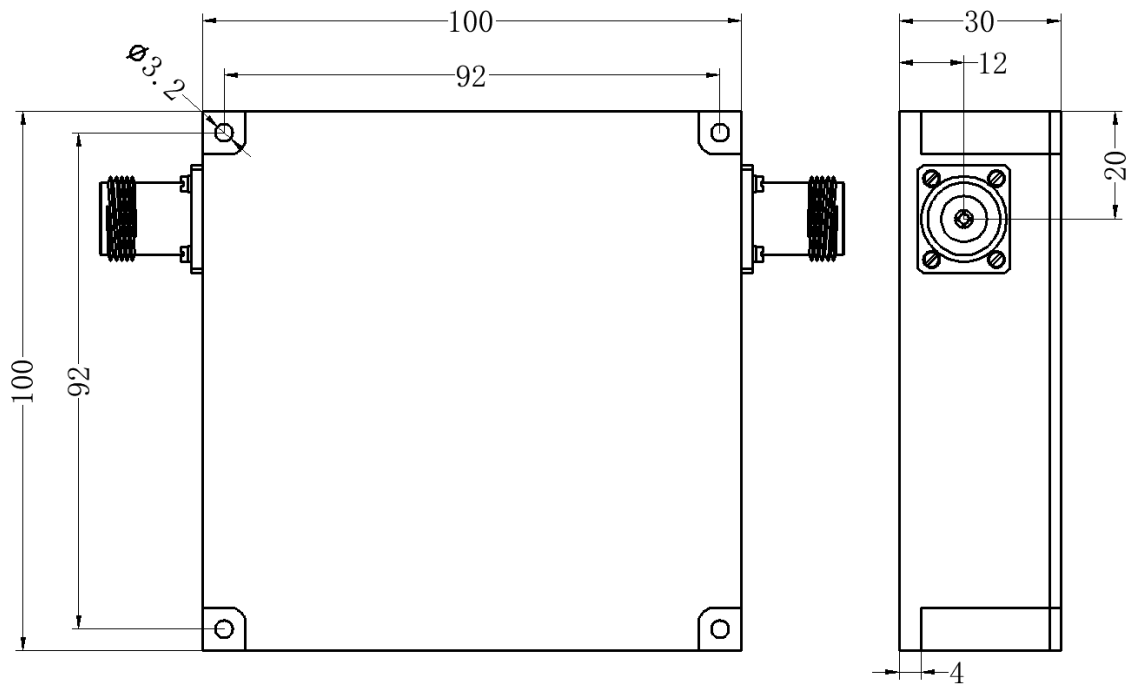


Figure 1 JX-HPF1-3M200M-50NF front panel layout

2. Electrical analysis

2.1 Electrical specification

Table 2 Electrical specifications

Item	Parameter	Specifications
1	Frequency range	3-200MHz
2	Insertion loss	≤1dB@3-200MHz
3	Rejection	≥50dBc@DC-1.5MHz
4	Return loss	≥14dB@3-200MHz
5	Operational Temperature	-25°C~+55°C
6	Impedance	50Ω

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7	Power	200W @3-30MHz, 50W @30-200MHz
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2.2 The simulation curve

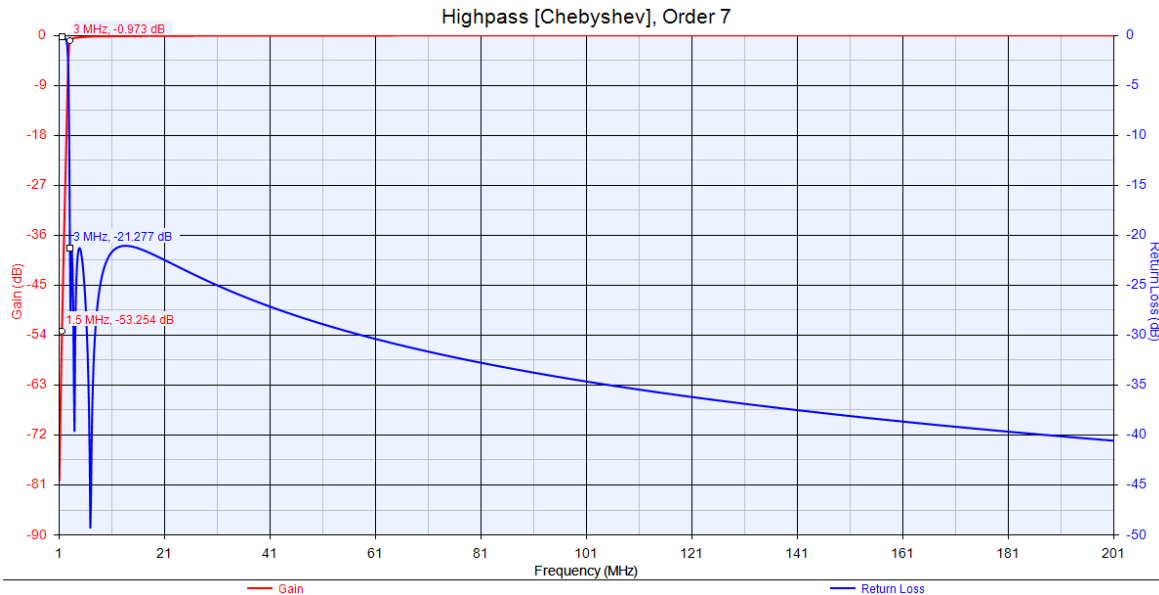


Figure 2 The simulation curve of the Filter

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